IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Application No.:

09/841,444

Confirmation No.:

4543

Filing Date:

April 24, 2001

Inventors:

Wellington et al.

Title:

MAY 1 3 2005

IN SITU THERMAL

PROCESSING OF A HYDROCARBON

CONTAINING FORMATION

IN A REDUCING

ENVIRONMENT

Examiner:

G. A. Suchfield

Art Unit:

3672

Atty. Dkt. No.:

5659-02300/EBM

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

TE OF DEPOCIT.

DATE OF DEPOSIT:

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Jackie I. Piti

REQUEST FOR SIGNED ELECTRONIC INFORMATION DISCLOSURE STATEMENTS

Mail Stop: Issue Fee Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Applicant notes that the Examiner has not acknowledged receipt of all Information Disclosure Statements filed for the above-captioned application. Applicant has attached the following unacknowledged electronic Information Disclosure Statements (e-IDS) listing:

U.S. Patent Documents citation numbers 1-45 and U.S. Published Applications citation numbers 1-5 received by the PTO on August 25, 2004 as indicated on the enclosed copy of the e-IDS acknowledgment receipt EFS ID: 67363 obtained from the Patent Application Information Retrieval (PAIR) database;

U.S. Patent Documents citation numbers 1-11 and U.S. Published Applications citation number 1 received by the PTO on August 25, 2004 as indicated on the enclosed copy of the e-IDS acknowledgment receipt EFS ID: 67365 obtained from PAIR;

Inventors: Wellington et al. Appl. Ser. No.: 09/841,444

Atty. Dkt. No.: 5659-02300

U.S. Patent Documents citation numbers 1-25 and U.S. Published Applications citation numbers 1-2 received by the PTO on September 28, 2004 as indicated on the enclosed copy of the e-IDS acknowledgment receipt EFS ID: 69418 obtained from PAIR;

U.S. Patent Documents citation numbers 1-9 received by the PTO on December 10, 2004 as indicated on the enclosed copy of the e-IDS acknowledgment receipt EFS ID: 73998 obtained from PAIR;

U.S. Patent Documents citation numbers 1-8 received by the PTO on February 4, 2005 as indicated on the enclosed copy of the e-IDS acknowledgment receipt EFS ID: 77473 obtained from PAIR; and

U.S. Patent Documents citation numbers 1-20 and U.S. Published Applications citation number 1 received by the PTO on February 22, 2005 as indicated on the enclosed copy of the e-IDS acknowledgment receipt EFS ID: 78615 obtained from PAIR.

Applicant respectfully requests signed, initialed copies the electronic Information Disclosure Statements previously submitted for the above-captioned application.

Respectfully submitted

c B/Meyertons

Keg. No. 34,876 Attorney for Applicant

MEYERTONS, HOOD, KIVLIN, KOWERT & GOETZEL, P.C.

P.O. Box 398

Austin, Texas 78767-0398

Ph: (512) 853-8800 Fax: (512) 853-8801

Date: 1/104 11, 1005

Electronic Version 1.1

Stylesheet Version v1.1.1

Title of Invention

IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION IN A REDUCING ENVIRONMENT

Submision Type:

Information Disclosure

Statement

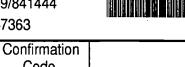
Application Number:

09/841444

EFS ID:

67363

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| | Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application |
| ICON1 | 4543 |
| | Eer assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: http://www.uspto.gov/ebc/ |

First Named Applicant:

Scott Wellington

Attorney Docket Number:

5659-02300

Timestamp:

2004-08-25 13:37:58 EDT

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Digital Certificate Holder

cn=Eric B.

Name:

Meyertons,ou=Registered Attorneys,ou=Patent and

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Office,ou=Department of Commerce.o=U.S. Government,c=US

Electronic Version v18

Stylesheet Version v18.0

Title of Invention

IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION IN A REDUCING ENVIRONMENT

Application Number:

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Scott Wellington

Attorney Docket Number:

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Art Unit:

3672

Examiner:

George A Suchfield

Search string:

(3004596 or 3342258 or 3455383 or 3501201 or 3502372 or 3759574 or 4160479 or 4375302 or 4483398 or 6698515 or 6702016 or 6708758 or 6712135 or 6712136 or 6712137 or 6715546 or 6715547 or 6715549 or 6715548 or 6719047 or 6722431 or 6722430 or 6722429 or 6725920 or 6725921 or 6725928 or 6729397 or 6729396 or 6729401 or 6729395 or 6732794 or 6732796 or 6736215 or 6739394 or 6739393 or 6742593 or 6742587 or 6742589 or 6742588 or 6745831 or 6745831 or 6749021

or 6752210 or 6758268 or 6761216 or 20040069486 or 20040015023 or

20030213594 or 20040040715 or 20040020642).pn

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

| init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass |
|------|----------|------------|------------|----------------------|------|-------|----------|
| | 1 | 3004596 | 1961-10-17 | Parker et al. | | | |
| | 2 | 3342258 | 1967-09-19 | Prats | | | |
| | 3 | 3455383 | 1969-07-15 | Prats et al. | | | |
| | 4 | 3501201 | 1970-03-17 | Closmann et al. | | | |
| | 5 | 3502372 | 1970-03-24 | Prats | | | |
| | 6 | 3759574 | 1973-09-18 | Beard | | | |
| | 7 | 4160479 | 1979-07-10 | Richardson et al. | | | |
| | 8 | 4375302 | 1983-03-01 | Kalmar | | | |
| | 9 | 4483398 | 1984-11-20 | Peters et al. | | | |
| | 10 | 6698515 | 2004-03-02 | Karanikas et al. | | | |
| | 11 | 6702016 | 2004-03-09 | de Rouffignac et al. | | | |
| | 12 | 6708758 | 2004-03-23 | de Rouffignac et al. | | | |
| | 13 | 6712135 | 2004-03-30 | Wellington et al. | | | |
| | 14 | 6712136 | 2004-03-30 | de Rouffignac et al. | | | |
| | 15 | 6712137 | 2004-03-30 | Vinegar et al. | | | |



| | 16 | 6715546 | 2004-04-06 | Vinegar et al. | - | |
|----------|----|---------|------------|--------------------|------|--|
| | 17 | 6715547 | 2004-04-06 | Vinegar et al. | | |
| | 18 | 6715549 | 2004-04-06 | Wellington et al. | _ | |
| | 19 | 6715548 | 2004-04-06 | Wellington et al. | | |
| | 20 | 6719047 | 2004-04-13 | Fowler et al. | | |
| | 21 | 6722431 | 2004-04-20 | Karanikas et al. | | |
| | 22 | 6722430 | 2004-04-20 | Vinegar et al. | | |
| | 23 | 6722429 | 2004-04-20 | de Rouffignac et | | |
| | | | | al. | | |
| | 24 | 6725920 | 2004-04-27 | Zhang et al. | | |
| | 25 | 6725921 | 2004-04-27 | de Rouffignac et | | |
| <u> </u> | 00 | 0705000 | 0004.04.07 | al. | | |
| <u> </u> | 26 | 6725928 | 2004-04-27 | Vinegar et al. | | |
| ļ | 27 | 6729397 | 2004-05-04 | Zhang et al. | | |
| ļ | 28 | 6729396 | 2004-05-04 | Vinegar et al. | | |
| <u> </u> | 29 | 6729401 | 2004-05-04 | Vinegar et al. | | |
| | 30 | 6729395 | 2004-05-04 | Shahin, Jr. et al. | | |
| | 31 | 6732794 | 2004-05-11 | Wellington et al. | | |
| | 32 | 6732796 | 2004-05-11 | Vinegar et al. | | |
| | 33 | 6736215 | 2004-05-18 | Maher et al. | | |
| | 34 | 6739394 | 2004-05-25 | Vinegar et al. | | |
| | 35 | 6739393 | 2004-05-25 | Vinegar et al. | | |
| | 36 | 6742593 | 2004-06-01 | Vinegar et al. | | |
| | 37 | 6742587 | 2004-06-01 | Vinegar et al. | | |
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| | 40 | 6745837 | 2004-06-08 | Wellington et al. | | |
| | 41 | 6745831 | 2004-06-08 | de Rouffignac et | | |
| | | | | al. | | |
| | 42 | 6749021 | 2004-06-15 | Vinegar et al. | | |
| | 43 | 6752210 | 2004-06-22 | de Rouffignac et | | |
| | | | | al. | | |
| <u> </u> | 44 | 6758268 | 2004-07-06 | Vinegar et al. | | |
| | 45 | 6761216 | 2004-07-13 | Vinegar et al. | | |

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

| init | Cite.No. | Pub. No. | Date | Applicant | Kind | Class | Subclass |
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| | 1 | 20040069486 | 2004-04-15 | Vinegar et al. | | | |
| | 2 | 20040015023 | 2004-01-22 | Wellington et al. | | | |
| | 3 | 20030213594 | 2003-11-20 | Wellington et al. | | | |
| | 4 | 20040040715 | 2004-03-04 | Wellington et al. | | | |
| | 5 | 20040020642 | 2004-02-05 | Vinegar et al. | | | |

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Electronic Version 1.1

Stylesheet Version v1.1.1

Title of Invention

IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION IN A REDUCING ENVIRONMENT

Submision Type:

Information Disclosure

Statement

Application Number:

09/841444

67365

EFS ID:

Server Response:



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| ICON1 | 4543 |
| USPTOEFSNot | Eer assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: http://www.uspto.gov/ebc/ |

First Named Applicant:

Scott Wellington

Attorney Docket Number:

5659-02300

Timestamp:

2004-08-25 13:45:15 EDT

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| package-data | U20-U82-pkda.xml | 1770 | 2004-08-25 |
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Digital Certificate Holder

cn=Eric B.

Name:

Meyertons,ou=Registered Attorneys,ou=Patent and

Trademark

Office,ou=Department of Commerce,o=U.S. Government,c=US

Electronic Version v18

Stylesheet Version v18.0

Title of Invention

IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION IN A REDUCING ENVIRONMENT

Application Number:

09/841444

Confirmation Number:

4543

First Named Applicant:

Scott Wellington

Attorney Docket Number:

5659-02300

Art Unit:

3672

Examiner:

George A Suchfield

Search string:

(6763886 or 6769485 or 6769483 or 6581684 or 6588504 or 6588503 or 6591906

or 6591907 or 6607033 or 6609570 or 6688387 or 20040108111).pn



US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

| init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass |
|------|----------|------------|------------|----------------------|------|-------|----------|
| | 1 | 6763886 | 2004-07-20 | Schoeling et al. | | | |
| | 2 | 6769485 | 2004-08-03 | Vinegar et al. | | | |
| | 3 | 6769483 | 2004-08-03 | de Rouffignac et al. | | | |
| | 4 | 6581684 | 2003-06-24 | Wellington et al. | | | |
| | 5 | 6588504 | 2003-07-08 | Wellington et al. | _ | | |
| | 6 | 6588503 | 2003-07-08 | Karanikas et al. | | | |
| | 7 | 6591906 | 2003-07-15 | Wellington et al. | | | |
| | 8 | 6591907 | 2003-07-15 | Zhang et al. | | | |
| | 9 | 6607033 | 2003-08-19 | Wellington et al. | | | |
| | 10 | 6609570 | 2003-08-26 | Wellington et al. | | | |
| | 11 | 6688387 | 2004-02-10 | Wellington et al. | _ | | |

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

| init (| Cite.No. | Pub. No. | Date | Applicant | Kind | Class | Subclass |
|--------|----------|-------------|------------|----------------|------|-------|----------|
| | 1 | 20040108111 | 2004-06-10 | Vinegar et al. | | | |

| Examiner Name | Date | |
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Electronic Version 1.1

Stylesheet Version v1.1.1

Title of Invention

IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION IN A REDUCING ENVIRONMENT

Submision Type:

Information Disclosure

Statement

Application Number:

09/841444



EFS ID:

69418

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| ISVR1 | Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application |
| ICON1 | 4543 |
| USPTOEFSNot | For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: http://www.uspto.gov/ebc/ |

First Named Applicant:

Scott Wellington

Attorney Docket Number:

5659-02300

Timestamp:

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From:

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| package-data | U82-U108-pkda.xml | 1770 | 2004-09-28 |
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Name:

Meyertons,ou=Registered Attorneys,ou=Patent and

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Office,ou=Department of Commerce,o=U.S.
Government,c=US

Electronic Version v18

Stylesheet Version v18.0

Title of Invention

IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION IN A REDUCING ENVIRONMENT

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09/841444

Confirmation Number:

4543

First Named Applicant:

Scott Wellington

Attorney Docket Number:

5659-02300

Art Unit:

3672

Examiner:

George A. Suchfield

Search string:

(5539853 or 3691291 or 3032102 or 3079085 or 3454365 or 4260018 or 4683947 or 5055180 or 5626191 or 6353706 or 6467543 or 6499536 or 4734115 or 3170842 or 3618663 or 4018280 or 4698149 or 3948755 or 4605489 or 4623444 or 4885080 or 5059303 or 6110358 or 6789625 or 6782947 or 20020004533 or 20020112987

).pn



Note: Applicant is not required to submit a paper copy of cited US Patent Documents

| init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass |
|------|----------|------------|------------|-------------------|------|-------|----------|
| | 1 | 5539853 | 1996-07-23 | Jamaluddin et al. | | | |
| | 2 | 3691291 | 1972-09-12 | Taj | | | • |
| | 3 | 3032102 | 1962-05-01 | Parker | | | |
| | 4 | 3079085 | 2004-09-28 | Clark, Jr. et al. | | | |
| | 5 | 3454365 | 1969-07-08 | Lumpkin et al. | | | |
| | 6 | 4260018 | 1981-04-07 | Shum et al. | | | |
| | 7 | 4683947 | 1987-08-04 | Fernbacher et al. | | | |
| | 8 | 5055180 | 1991-10-08 | Klaila | | | |
| | 9 | 5626191 | 1997-05-06 | Greaves et al. | | | |
| | 10 | 6353706 | 2002-03-05 | Bridges | | | |
| | 11 | 6467543 | 2002-10-22 | Talwani et al. | | | |
| | 12 | 6499536 | 2002-12-31 | Ellingsen | | | |
| | 13 | 4734115 | 1998-03-29 | Howard et al. | | | |
| | 14 | 3170842 | 1965-02-23 | Kehler | | | |
| | 15 | 3618663 | 1971-11-09 | Needham | | | |
| | 16 | 4018280 | 1977-04-19 | Daviduk et al. | | | *** |
| | 17 | 4698149 | 1987-10-06 | Mitchell | | | |
| | 18 | 3948755 | 1976-04-06 | McCollum et al. | | | |
| | 19 | 4605489 | 1986-08-12 | Madgavkar | | | |
| | 20 | 4623444 | 1986-11-18 | Che et al. | | | |



| | 21 | 4885080 | 1989-12-05 | Brown et al. | |
|--|----|---------|------------|---------------------|--|
| | 22 | 5059303 | 1991-10-22 | Taylor et al. | |
| | 23 | 6110358 | 2000-08-29 | Aldous et al. | |
| | 24 | 6789625 | 2004-09-14 | de Rouffinac et al. | |
| | 25 | 6782947 | 2004-08-31 | de Rouffinac et al. | |

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

| init | Cite.No. | Pub. No. | Date | Applicant | Kind | Class | Subclass |
|------|----------|-------------|------------|----------------|------|-------|----------|
| | 1 | 20020004533 | 2002-01-10 | Wallace et al. | | | |
| | 2 | 20020112987 | 2002-08-22 | Hou et al. | | | |

| Examiner Name | Date | | | |
|---------------|------|--|--|--|
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Electronic Version 1.1,

Stylesheet Version v1.1.1

Title of Invention

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Submision Type:

Information Disclosure

Statement

Application Number:

09/841444

EFS ID:

: 73998

Server Response:



| Confirmation Code | Message |
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| ISVR1 | Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application |
| ICON1 | 4543 |
| USPTOEFSNot | The documents provided in this submission were accepted by the USPTO. However, the fees associated with new utility and provisional Electronic Filing System (EFS) submission were not accepted by our automated systems because the USPTO software has not yet been updated for the fee structure and amounts required by the Consolidated Appropriations Act, 2005, Section 801, of Division B. In due course a corrected fee may be assessed due to changes associated with the Appropriations Act. We will charge the amount indicated in your submission. If at least the basic filing fee accompanied a new utility or provisional EFS submission, then no surcharge based on fee deficiency will be applied when any fee deficiency is paid. For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1866 217-9197 Website: www.uspto.gov/ebc/ |

First Named Applicant:

Scott Wellington

Attorney Docket Number:

5659-02300

Timestamp:

2004-12-10 11:29:36 EDT

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Electronic Version v18

Stylesheet Version v18.0

Title of Invention

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09/841444

4543

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Scott Wellington

Attorney Docket Number:

5659-02300

Art Unit:

3672

Examiner:

George A. Suchfield

Search string:

(3017168 or 3434541 or 4598772 or 5456315 or 6684948 or 3288648 or 4415034

or 6820688 or 6805195).pn



US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

| init | Cite.No. | Patent No. | Date | Patentee | ·Kind | Class | Subclass |
|------|----------|------------|------------|----------------|-------|-------|----------|
| | 1 | 3017168 | 1962-01-16 | Carr | | | |
| | 2 | 3434541 | 1969-03-25 | Cook et al. | | | |
| | 3 | 4598772 | 1986-07-08 | Holmes | | | |
| | 4 | 5456315 | 1995-10-10 | Kisman et al. | | | |
| | 5 | 6684948 | 2004-02-03 | Savage | | | |
| | 6 | 3288648 | 1966-11-29 | Jones | | | |
| | 7 | 4415034 | 1983-11-15 | Bouck | | | |
| | 8 | 6820688 | 2004-11-23 | Vinegar et al. | | | |
| | 9 | 6805195 | 2004-10-19 | Vinegar et al. | | | |

Remarks

Note: Remarks are not for responding to an office action.

Other art will be sent on a Form PTO-1449.

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Electronic Version 1.1

Stylesheet Version v1.1.1

Title of Invention

IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION IN A REDUCING ENVIRONMENT

Submision Type:

Information Disclosure

Statement

Application Number:

09/841444

EFS ID:

77473

Server Response:



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| ISVR1 | Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application |
| ICON1 | 4543 |
| USPTOEFSNot | For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: http://www.uspto.gov/ebc/ |

First Named Applicant:

Scott Wellington

Attorney Docket Number:

5659-02300

Timestamp:

2005-02-04 13:15:37 EDT

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Digital Certificate Holder

cn=Eric B.

Name:

Meyertons,ou=Registered Attorneys,ou=Patent and

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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

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Title of Invention

IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION IN A REDUCING ENVIRONMENT

Application Number:

09/841444

Confirmation Number:

4543

First Named Applicant:

Scott Wellington

Attorney Docket Number:

5659-02300

Art Unit:

3672

Examiner:

George A. Suchfield

Search string:

(3386508 or 4303126 or 4766958 or 4828031 or 5085276 or 5305829 or 5377756

or 5411086).pn

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

| init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass |
|------|----------|------------|------------|------------------|------|-------|----------|
| | 1 | 3386508 | 1968-06-04 | Bielstein et al. | | | |
| | 2 | 4303126 | 1981-12-01 | Blevins | | | |
| | 3 | 4766958 | 1988-08-30 | Faecke | | | |
| | 4 | 4828031 | 1989-05-09 | Davis | | | |
| | 5 | 5085276 | 1992-02-04 | Rivas et al. | | | |
| | 6 | 5305829 | 1994-04-26 | Kumar | , | | |
| | 7 | 5377756 | 1995-01-03 | Northrop et al. | | | |
| | 8 | 5411086 | 1995-05-02 | Burcham et al. | | | |

| Examiner Name | Date |
|---------------|------|
| | |

Electronic Version 1.1

Stylesheet Version v1.1.1

Title of Invention

IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION IN A REDUCING ENVIRONMENT

Submision Type:

Information Disclosure

Statement

Application Number:

09/841444

EFS ID:

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| USPTOEFSNot | Eer assistance with e-filing a patent |
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| | Business Center: Toll-Free Number:1(866) |
| | 217-9197 Website: |
| | http://www.uspto.gov/ebc/ |
| | pittp:// www.dopto.gov/coo/ |

First Named Applicant:

Scott Wellington

Attorney Docket Number:

5659-02300

Timestamp:

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| Doc. Name | File Name | Size (Bytes) | Date |
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| us-fee-sheet | us-fee-sheet.xsl | 25930 | 2005-02-22 |
| us-fee-sheet | us-fee-sheet.dtd | 11968 | 2005-02-22 |
| us-ids | U124-U146-usidst.xml | 4087 | 2005-02-22 |
| us-ids | us-ids.dtd | 7763 | 2005-02-22 |
| us-ids | us-ids.xsl | 12026 | 2005-02-22 |
| package-data | U124-U146-pkda.xml | 2242 | 2005-02-22 |
| package-data | package-data.dtd | 27025 | 2005-02-22 |
| package-data | us-package-data.xsl | 19263 | 2005-02-22 |
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(4319635 or 5027896 or 5325918 or 4418752 or 5891829 or 4151877 or 4243511 or 4439307 or 4544478 or 5041210 or 4285547 or 4234230 or 3700280 or 3804169

or 3759328 or 3804172 or 4065183 or 3779602 or 4260192 or 4883582 or

20030029617).pn



Note: Applicant is not required to submit a paper copy of cited US Patent Documents

| init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass |
|------|----------|------------|------------|---------------------|------|-------|-----------|
| | 1 | 4319635 | 1982-03-16 | Jones | | | |
| | 2 | 5027896 | 1991-07-02 | Anderson | | | |
| | 3 | 5325918 | 1994-07-05 | Berryman et al. | | | |
| | 4 | 4418752 | 1983-12-06 | Boyer et al. | | | |
| | 5 | 5891829 | 1999-04-06 | Vallejos et al. | | | |
| | 6 | 4151877 | 1979-05-01 | French | | | |
| | 7 | 4243511 | 1981-01-06 | Allred | | | |
| | 8 | 4439307 | 1984-03-27 | Jaquay et al. | | | |
| | 9 | 4544478 | 1985-10-01 | Kelley | | | |
| | 10 | 5041210 | 1991-08-20 | Merrill, Jr. et al. | | | |
| | 11 | 4285547 | 1981-08-25 | Weichman | | | |
| | 12 | 4234230 | 1980-11-18 | Weichman | | | |
| | 13 | 3700280 | 1972-10-24 | Papadopoulos et al. | · | | |
| | 14 | 3804169 | 1974-04-16 | Closmann | | | |
| | 15 | 3759328 | 1973-09-18 | Ueber et al. | | | |
| | 16 | 3804172 | 1974-04-16 | Closmann et al. | | | |
| | 17 | 4065183 | 1977-12-27 | Hill et al. | | | |
| | 18 | 3779602 | 1973-12-18 | Beard et al. | | | |
| | 19 | 4260192 | 1981-04-07 | Shafer | | | |
| | 20 | 4883582 | 1989-11-28 | McCants | | | <u></u> , |



US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

| init (| Cite.No. | Pub. No. | Date | Applicant | Kind | Class | Subclass |
|--------|----------|-------------|------------|--------------|------|-------|----------|
| | 1 | 20030029617 | 2003-02-13 | Brown et al. | | | |

| Examiner Name | Date |
|---------------|------|
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